

EUROPEAN PATENT APPLICATION

Application number: 89104007.3

Int. Cl.⁵: **C07C 147/13, A61K 31/195,
C07C 103/20, A61K 31/16,
C07C 149/43**

Date of filing: 07.03.89

Priority: 16.03.88 IT 1979088

Date of publication of application:
20.09.89 Bulletin 89/38

Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

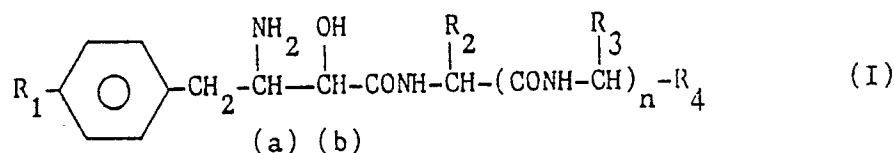
Date of deferred publication of the search report:
28.11.90 Bulletin 90/48

Applicant: **ZAMBON GROUP S.p.A.**
Via della Chimica, 9
I-36100 Vicenza(IT)

Inventor: **Chiarino, Dario**
Via Rivolta, 2
I-20052 Monza (Milano)(IT)
Inventor: **Carenzi, Angelo**
Via Rossini, 9
I-21052 Busto Arsizio (Varese)(IT)
Inventor: **Della Bella, Davide**
Piazza Leonardo da Vinci, 3
I-20133 Milano(IT)
Inventor: **Pellacini, Franco**
Piazza Trento Trieste, 20
I-20099 Sesto S. Giovanni (Milano)(IT)

Peptides with inhibitory activity of enzymatic systems, process for their preparation and pharmaceutical compositions containing them.

Compounds of formula



wherein R₁, R₂, R₃, R₄, and n have the meanings reported in the specification, processes for their preparation and pharmaceutical compositions containing them as active ingredient are described. The compounds of formula I are inhibitors of enzymatic systems and they are useful in pharmaceutical field.



DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)		
A	FR-A-2 393 788 (ZAIDANHOJIN BISEIBUTSU KAGAKU KENKYUKAI) * Claims; page 6, lines 30-33 * ---	1,8	C 07 C 147/13 A 61 K 31/195 C 07 C 103/30		
A,D	JOURNAL OF MEDICINAL CHEMISTRY, vol. 20, April 1977, pages 510-515, Washington, US; R. NISHIZAWA et al.: "Synthesis and structure-activity relationships of bestatin analogues, inhibitors of aminopeptidase B" * Table I * -----	1,8	A 61 K 31/16 C 07 C 149/43		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)		
			C 07 C 147/00 C 07 C 149/00		
The present search report has been drawn up for all claims					
Place of search THE HAGUE		Date of completion of the search 20-09-1990	Examiner SANCHEZ Y GARCIA J.M.		
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td><td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document				